

Dams located on Souhegan River Designated Reach that are not Affected Dam Owners because their impoundments are smaller than 10 acres

Eight non-ADO dams were identified on the Souhegan Designated Reach. These dams have impoundments less than 10 acres, but may affect flow in the Designated Reach. Available data was collected from the NH DES dam bureau files including location of the dam, dam structure, and dam owner, dimensions of the dam, storage capacity and impoundment area, and purpose of dam. Ownership information may not be current. Dam locations are available on GIS coverages and on the Souhegan Dams map on the NH DES Instream Flow website at <http://www.des.state.nh.us/rivers/instream/>.

Wilton

- 254.01 The Pine Valley Mill Dam is a concrete and stone structure built on the Souhegan River in Wilton, NH. The owner of the dam is Heidi Heller-Blackmer. The dam itself is 23 ft. high and 200 ft long, which creates a permanent storage area of 30 acre-feet and a maximum storage capacity of 70 acre-feet. The impoundment behind the dam covers an area of 5 acres and the drainage area beyond the dam is 97 miles². The dam is used as a hydropower generating facility.
- 254.01 The Souhegan River Dam (Wilton) is a concrete run of the river structure built along the Souhegan River above the Pine Valley Mill Dam in Wilton, NH. The owner of the dam is the Gould Leech Trust, which is represented by Fred B Roedel. The dam itself is 17 ft. high and 125 ft. in length, which creates a permanent storage area of 14 acre-ft and a maximum storage area of 14 acre-feet. The impoundment behind the dam covers an area of 4 acres and the drainage area beyond the dam is 97 miles². The dam is used as a hydropower generating facility.
- 254.02 The Souhegan River Dam III (Wilton) is a low-head gravity dam in Wilton, NH constructed of reinforced concrete. The owner of the dam is Label Arts, Inc., which is represented by Paul Tardiff. The dam itself is 19.3 ft high and 240 ft. in length, which creates a permanent storage area of 2 acre-feet and a maximum storage area of 8.5 acre-feet. The dam is comprised of five major structural elements, the north abutment (height of 366.8 ft providing 9.3 ft. of freeboard), the spillway (84 ft. long unregulated overflow type structure, can accept flashboards), south abutment (same height as spillway crest and can accept flashboards), canal gate structure (end of south abutment at 90 degree angle, with elevation of 364.5, providing 7 ft. of freeboard), outer canal wall, (195 ft. wall extending perpendicularly from the downstream side of the gate structure. The impoundment behind the dam covers an area of 0.7 acres and the drainage area beyond the dam is 70.3 miles². The dam is a hydropower generating facility.

Greenville

- 101.01 The Otis Dam is concrete and stone structure built on the Souhegan River in Greenville, NH. The owner of the dam is Alden T. Greenwood, the representative of Greenwood Engineering Company. The dam itself is 27 ft. high

and 150 ft. in length, which creates a permanent storage area of 75 acre-feet and a maximum storage capacity of 105 acre-feet. The impoundment behind the dam covers an area of 8 acres and the drainage area beyond the dam is 29.6 miles². The dam is a hydropower generating facility.

101.02 The Souhegan River Dam (Greenville) is a concrete and stone structure located on the Souhegan River in Greenville, NH. The owner of the dam is Greenville Elderly Housing. The dam itself is 15 ft high and 80 ft. in length. The drainage area for the dam is 35 miles². The dam was a hydropower generating facility. No other information is provided for this dam structure.

101.03 The Souhegan River Dam III (Greenville) is a concrete and stone structure located on the Souhegan River in Greenville, NH. The dam is a hydropower generating facility. The owner of the dam is Chamberlain Falls Hydro, which is represented by Alden Greenwood. The dam itself is 20 ft. high and 82 ft in length, which creates a permanent storage area of 2.50 acre-feet and a maximum storage area of 4 acre-feet. The impoundment behind the dam covers an area of 0.5 acres and the drainage area for the dam is 35 miles².

New Ipswich

175.10 The Souhegan River Dam (New Ipswich) is a concrete structure located on the Souhegan River in New Ipswich, NH. The owner of the dam is Warwick Mills, Inc. The dam itself is 15 ft. high, and can be considered "run of river" as no impoundment is created. The drainage area for the dam is 15 miles².

Milford

159.02 The Goldman Dam is a concrete structure located on the Souhegan River in Milford, NH. The representative for the dam is the Milford Public Water Works Department. The dam itself is 12 ft. high, creating an 8.00 acre impoundment. The drainage area for the dam is 137.8 miles².